

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO. ·	CONFIRMATION NO.
10/808,857	03/25/2004	Akio Uchiyama	17570	6685
23389 7590 02/01/2006			EXAMINER	
	OTT MURPHY & PI	CONNOLLY, PATRICK J		
400 GARDEN CITY PLAZA SUITE 300 GARDEN CITY, NY 11530			ART UNIT	PAPER NUMBER
			2877	· · · · · · · · · · · · · · · · · · ·

DATE MAILED: 02/01/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

	LA	<u> </u>			
	Application No.	Applicant(s)			
Office Action Summer	10/808,857	UCHIYAMA ET AL.			
Office Action Summary	Examiner	Art Unit			
	Patrick J. Connolly	2877			
The MAILING DATE of this communication app Period for Reply	pears on the cover sheet with the	correspondence address			
A SHORTENED STATUTORY PERIOD FOR REPL WHICHEVER IS LONGER, FROM THE MAILING D - Extensions of time may be available under the provisions of 37 CFR 1.1 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period - Failure to reply within the set or extended period for reply will, by statute Any reply received by the Office later than three months after the mailin earned patent term adjustment. See 37 CFR 1.704(b).	PATE OF THIS COMMUNICATION 136(a). In no event, however, may a reply be swill apply and will expire SIX (6) MONTHS from the cause the application to become ABANDON	ON. timely filed m the mailing date of this communication. IED (35 U.S.C. § 133).			
Status					
1) Responsive to communication(s) filed on 25 h	<u> March 2004</u> .				
2a) ☐ This action is FINAL . 2b) ☑ This	This action is FINAL . 2b)⊠ This action is non-final.				
	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is				
closed in accordance with the practice under l	Ex parte Quayle, 1935 C.D. 11, 4	453 O.G. 213.			
Disposition of Claims					
4) ⊠ Claim(s) 1-50 is/are pending in the application 4a) Of the above claim(s) is/are withdra 5) □ Claim(s) is/are allowed. 6) □ Claim(s) is/are rejected. 7) □ Claim(s) is/are objected to. 8) ⊠ Claim(s) 1-50 are subject to restriction and/or	wn from consideration.				
Application Papers	•				
	or				
9) The specification is objected to by the Examine10) The drawing(s) filed on 25 March 2004 is/are:		to by the Examiner			
Applicant may not request that any objection to the	· · · · · · · · · · · · · · · · · · ·	•			
Replacement drawing sheet(s) including the correct					
11) ☐ The oath or declaration is objected to by the E	xaminer. Note the attached Office	e Action or form PTO-152.			
Priority under 35 U.S.C. § 119		i			
12) Acknowledgment is made of a claim for foreign a) ☐ All b) ☐ Some * c) ☒ None of: 1. ☒ Certified copies of the priority document 2. ☐ Certified copies of the priority document 3. ☐ Copies of the certified copies of the priority document application from the International Bureat* * See the attached detailed Office action for a list	ts have been received. ts have been received in Applica prity documents have been recei au (PCT Rule 17.2(a)).	ation No ved in this National Stage			
Attachment(s)					
1) Notice of References Cited (PTO-892)	4) 🔲 Interview Summa				
Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08 Paper No(s)/Mail Date	Paper No(s)/Mail 5) Notice of Informa 6) Other:	Date I Patent Application (PTO-152)			

4-

Art Unit: 2877

DETAILED ACTION

Election/Restrictions

Restriction to one of the following inventions is required under 35 U.S.C. 121:

- I. Claims 1-23 and 35-38, drawn to low coherence imaging interferometer, classified in class 356, subclass 479.
- II. Claims 24-34 and 39-50, drawn to an endoscope system with focus adjustment, classified in class 600, subclass 167.

The inventions are distinct, each from the other because of the following reasons:

Inventions II and I are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination as claimed does not require the particulars of the subcombination as claimed because the interferometric system does not require a particular focusing system in order to perform interferometric imaging. The subcombination has separate utility such as an endoscopic system that is used in an imaging system that is not interference based.

Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.

Because these inventions are distinct for the reasons given above and the search required for Group II is not required for Group I, restriction for examination purposes as indicated is proper.

Application/Control Number: 10/808,857

Art Unit: 2877

C

Page 3

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Patrick J. Connolly whose telephone number is 571.272.2412. The examiner can normally be reached on 9:00 am - 7:00 pm Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gregory J. Toatley, Jr. can be reached on 571.272.2800 ext. 77. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

PJC PJL 61.15.2006